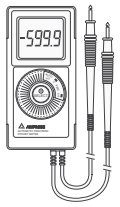
AMPROBE®

XP Series Digital Multimeters

Model	15XP-A	35XP-A
AC/DC Voltage	750V/1000V	750V/1000V
AC/DC Current	2A/2A	2A/2A
Resistance	2000MΩ	40MΩ
Basic DC Accuracy	± (0.5% Rdg + 1 dgt)	± (0.5% Rdg + 1 dgt)
Continuity	Yes	Yes
Capacitance	No	Yes
Frequency	Yes	Yes
Temperature	No	Yes
Display	3½ digit	3¾ digit
Min/Max	No	No
Data Hold	Yes	Yes
Logic Test	TTL	No
Non-Contact Voltage Detect	Yes	Yes
Warranty	1 year	1 year
Safety Ratings	CAT I 1000V CAT II 600V CAT III 300V	CAT I 1000V CAT II 600V CAT III 300V

Includes	Digi-Key Part No.	Price Each	Amprobe Part No.
Test leads, Magne-Grip™ holster, Battery, Fuse, User's manual	705-1000-ND	62.95	15XP-A
Test leads, Thermocouple probe, Magne-Grip holster, Battery, Fuse, User's manual	705-1003-ND	83.95	35XP-A

PM55A Compact Precision Digital Multimeter



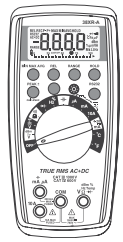
Features:

• AutoTect™ feature directs the meter to know if it is measuring AC or DC volts or resistance with no user interface • Measures AC/DC current, capacitance, frequency, continuity with beeper • Non-contact voltage detector • Automatic power off • Safety rating: CAT II 600V, CAT III 300V

705-1030-ND (PM55A) **$52.95**

XR Series Digital Multimeters

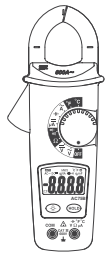
Model	30XR-A	33XR-A	37XR-A	38XR-A
AC/DC Voltage	600V/600V	1000V/750V	1000V/750V	1000V/750V
AC/DC Current	10A/10A	10A/10A	10A/10A	10A/10A
Resistance	20MΩ	4MΩ	40MΩ	40MΩ
Basic DC Accuracy	± (1%Rdg + 1dgt)	± (0.7%Rdg + 1dgt)	± (0.1%Rdg + 5dgt)	± (0.25%Rdg + 5dgt)
Continuity	Yes	Yes	Yes	Yes
Capacitance	No	Yes	Yes	Yes
Frequency	No	Yes	Yes	Yes
Temperature	No	Yes	No	Yes
Display	3½ digit	3¾ digit	4¾ digit	4¾ digit
Min/Max	Yes	Yes	Yes	Yes
Data Hold	Yes	Yes	Yes	Yes
Logic Test	No	No	TTL, CMOS	No
Non-Contact Voltage Detect	Yes	No	No	No
Warranty	1 year	1 year	3 year	3 year
Safety Ratings	CAT II 600V CAT III 300V	CAT II 1000V CAT III 600V	CAT II 1000V CAT III 600V	CAT III 1000V CAT IV 600V
UL (cULus) Listed	Yes	Yes	Yes	No



38XR-A

Includes	Digi-Key Part No.	Price Each	Amprobe Part No.
Test leads, Magne-Grip™ holster, Fuse, Battery, User's manual	705-1001-ND	62.95	30XR-A
Test leads, Alligator clips, Magne-Grip holster, Temperature adapter, Thermocouple probe, Battery, Fuse, User's manual	705-1002-ND	79.95	33XR-A
Test leads, Alligator clips, Magne-Grip holster, Battery, Fuse, User's manual	705-1004-ND	135.95	37XR-A
Test leads, Alligator clips, Temperature adapter, Thermocouple probe, Magne-Grip holster, Battery, Fuse, User's manual	705-1005-ND	154.95	38XR-A

Clamp Type Multimeters



AC75B

ACD-6 TRMS PRO

AC40B

ACDC-400

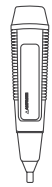
ACDC-100

Model	AC75B	ACD-6 TRMS PRO	ACD-16 PRO	ACD-16 TRMS PRO	AC40B	ACDC-400	ACDC-100	ACDC-100 TRMS
AC/DC Voltage	750V/1000V	600V/600V	600V/600V	600V/600V	600V/600V	600V/600V	600V/600V	600V/600V
AC/DC Current	600A/400A	1000A/—	1000A/—	1000A/—	400A/—	40A/400A	800A/1000A	800A/1000A
Resistance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Basic DC Accuracy	±(1.0% + 2d)	±(1.7% Rdg + 3 LSD) @ 4V~400V ranges	±(0.5% Rdg + 5 LSD)	±(0.5% Rdg + 5 LSD)	±(1.2% Rdg + 5 dgts)	±(1.0% Rdg + 2 LSD)	±(1.5% Rdg + 4 LSD)	±(1.5% Rdg + 4 LSD)
Continuity	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Capacitance	Yes	No	No	No	No	No	Yes	Yes
Frequency	No	No	Yes	Yes	No	No	No	No
Temperature	Yes	No	Yes	Yes	No	No	No	No
Min/Max	No	No	No	No	No	Yes	No	No
Data Hold	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TRMS	No	Yes	No	Yes	No	No	No	Yes
Warranty	1 year	Limited Lifetime	Limited Lifetime	Limited Lifetime	1 year	Limited Lifetime	1 year	1 year
Safety Ratings	CAT II 1000V CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V

Includes	Digi-Key Part No.	Price Each	Amprobe Part No.
Test leads, Type-K temperature probe, 9V battery, Operating instruction, Carrying case	705-1007-ND	129.95	AC75B
Test leads with set of alligator clips, Carrying case, Instruction Manual	705-1010-ND	179.95	ACD-6 TRMS PRO
Test leads, Thermocouple, Carrying case, Instruction manual	705-1008-ND	149.95	ACD-16 PRO
Test leads, Thermocouple, Carrying case, Instruction manual	705-1009-ND	169.95	ACD-16 TRMS PRO
Test leads, Carrying case, Instruction manual	705-1006-ND	79.95	AC40B
Test leads, Holster, Carrying case, Batteries, Instruction manual	705-1013-ND	179.95	ACDC-400
Test leads, Carrying case, Instruction manual	705-1011-ND	99.95	ACDC-100
Test leads, Carrying case, Instruction manual	705-1012-ND	129.95	ACDC-100 TRMS

Test Accessories

VP-600SB Non-Contact Volt Probe



Features:

- Detects AC voltage: 100V ~ 600V
- Check for AC voltages without necessity of disconnecting the electrical system
- Test for AC voltage cables, circuit breakers, wall sockets, junction boxes, fuses, etc.
- Safety rating: CAT III 600V

705-1038-ND (VP-600SB) **$15.95**

Test Lead Kits

MTL-500 Professional Electrical Test Leads Include: • MTL-100 double insulated silicon test leads • MTL-101 sharp test probes • MTL-102 insulated alligator clips

MTL-501 Advanced Electrical Test Lead Kit Includes: • MTL-100 double insulated silicon test leads • MTL-101 sharp test probes • MTL-102 fully insulated alligator clips • MTL-103 USA main socket test adaptors • MTL-104 sprung hook tips

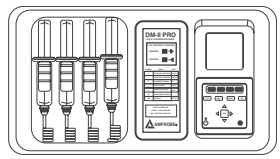
705-1028-ND (MTL-500) **$35.95**
705-1029-ND (MTL-501) **$59.95**

Test Equipment

DM-II PRO Digital Recorder/Data Logger

Features:

• Works with single and three phase systems (Y and Delta) • Capable of recording all parameters simultaneously • All readings are True RMS (TRMS) • User selectable rates allow recording from one hour to several months • Line or battery powered



Specifications:

• **AC Voltage:** 0V ~ 600V • **AC Current:** 1A ~ 1000A • **Power:** Working (W), Reactive (VAR) and Apparent (VA) • **Power factor:** 0 ~ 1

Includes:

• CTs • PC Software

705-1025-ND (DM-II PRO) **$2395.00**

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Test Equipment *(Cont.)*

DM-III Multitest Power Quality Recorders

Features: • True RMS (TRMS) • Measures and records broad spectrum of power quality parameters: AC current, AC voltage to 600V including sags and surges, harmonics (THD and individual up to 49th), active, reactive and apparent power and energy, peak demand, power factor, frequency measurement and phase sequence • Works with single and three phase systems • Detects and records voltage anomalies, sags and surges • Built in scope displays waveforms • Phase sequence indication • Records up to 64 parameters simultaneously • Manual and programmable recording start • Line or battery powered • Megohmmeter functions: test insulation of wires, cables, transformers and electrical motors • Safety ratings: CAT III 600V phase to phase, CAT III 300V phase to ground

Includes: • CTs • Voltage leads • Ground probes and leads • PC software and download cable

705-1026-ND (DM-III MULTITEST F) **$3295.00**

DM-4 Power Quality Recorder

Features:
• True RMS (TRMS) • Works with single (two and three wire) and three phase systems (Y and Delta) • Detects and records voltage spikes 100nS or slower • Detects and records voltage sags and surges • Built in scope displays waveforms • Records all parameters simultaneously • Manual and programmable recording start • Safety rating: CAT III 600V

Includes:
• Carrying case • CTs • Test leads • PC software and download cable • Remote User Interface (PDA) with protective hard case and interface cable

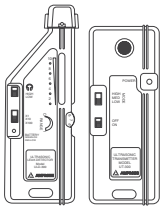
705-1024-ND (DM-4) **$3495.00**

DGC-1000A Clamp-on Ground Resistance Tester

Features:
• Accurate ground resistance measurement from 0.025Ω ~ 1500Ω • TRMS current measurement • Continuity beep if the resistance is lower than 40.00Ω • Data logging capability: 116 records • Individual data point recording • User selectable high and low Ω audible alarms • Auto power off • Low battery indicator • Large LCD display • Safety rating: CAT III 300V, CAT II 600V

705-1023-ND (DGC-1000A) **$1299.00**

TMULD-300 Leak Detector Kit



Features: • Locates arcing in an electrical system • Transmitter "pressurizes" area with ultrasonic sound enabling the ULD-300 to pinpoint leaks • Applications include air tightness of cars or houses • Useful in finding the ends of buried PVC pipes • Detects any pressurized gas leak regardless of type CFC's, HFC's, Nitrogen, etc.

Includes: • Ultrasonic transmitter • Flexible tubing adapter • Tubular extension • Parabola • Headphones

705-1037-ND (TMULD-300) **$399.95**

TH-2A Digital Thermo Hygrometer

Features:
• Temperature readings
• Relative humidity measurement
• Max/Min with time stamp
• Data hold function
• Selectable °C and °F readout
• Dual LCD display with bargraph indication
• Auto power off

705-1033-ND (TH-2A) **$79.95**

THWD-2 Digital Sling Psychrometer

Features:
• Temperature readings
• Relative humidity measurement
• Dew point and wet bulb readings
• Max/Min with time stamp
• Selectable °C and °F readout
• Data hold function
• Dual LCD display with bar graph indication
• Auto power off

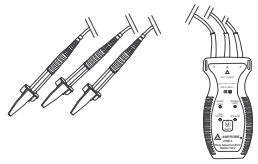
705-1034-ND (THWD-2) **$109.95**

RC-120S Remcon Relay Switch

Features:
• Switches AC power ON and OFF using low voltage control circuit • Built in transformer, no step down transformers necessary • Single relay can be controlled by multiple switches and multiple relays can be controlled by a single switch • AC voltage from 105V ~ 125V • AC current up to 6.5A

705-1032-ND (RC-120S) **$39.95**

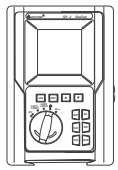
PRM-3 Phase Sequence and Motor Rotation Tester



Features:
• Use for phase sequence testing, three phase motor installation and maintenance • Checks motors for rotation direction • Identifies the phase sequence of the three phase electrical system • Indicates normal or reversed phases as well as loss of the phase

705-1031-ND (PRM-3) **$99.95**

GP-2 Ground Resistance and Resistivity Tester



Features:
• Measure earth ground resistance; 3 point or 2 point tests • Automatically calculates resistivity; 4 point test • Automatic voltage measurement prevents false measurements • Automatically applies three testing frequencies for the most accurate readings • Auto ranging • 999 internal memory locations to store measurements • RS-232 download to a personal computer • Safety rating: CAT III 250V

Includes:
• Test leads • Auxiliary electrodes • Software • Carrying Case

705-1027-ND (GP-2) **$1499.00**

Megohmmeters

AMB-25

Features:
• Test insulation of wires, cables, transformers and motors • Comes as a complete kit including test leads • Internal memory

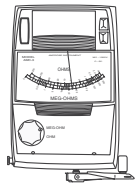
Specifications:
• **Insulation resistance with 250, 500 and 1000 VDC test voltages:** 0 ~ 4.000 / 40.00 / 400.00 / 4000MΩ
• **Resistance:** 0 ~ 9999Ω

AMB-45

Features:
• Test insulation of wires, cables, transformers and electrical motors • Comes as a complete kit including test leads and PC software • Programmable timer • Internal memory • Safety rating: CAT III 600V

Specifications:
• **Insulation resistance with 250, 500 and 1000 VDC test voltages:** 0 ~ 4.000 / 40.00 / 400.00 / 4000MΩ
• **Resistance:** 4000Ω • **AC/DC Voltage:** 600.0V

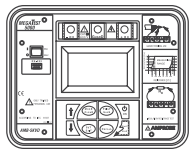
AMC-2



Features:
• Test insulation of wires, cables, transformers and electrical motors • Does not require batteries or any external power supply, always ready for use • Ohmmeter

Specifications:
• **500VDC Test Voltage:** 0 ~ 100MΩ ±5% Rdg @ (0.1 ~ 50MΩ) ±10% Rdg @ > 50MΩ

AMB-5KV-D

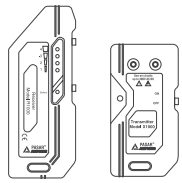


Features:
• Test insulation of wires, cables, transformers, electrical motors and generators • Comes as a complete kit including test leads and PC software • Built in automatic voltmeter up to 5000V warns against hazardous energized systems • Programmable setups of test voltages and timers

Specifications:
• **Voltages:** 100V ~ 5000V • **Resistance:** 100kΩ ~ 500GΩ • **Voltmeter:** 0 ~ 5000V ± (10% Rdg = 10 LSD) @ 0 ~ 500V ± (10% Rdg + 5 LSD) @ 500V ~ 5000V • **Memory:** 20 programmable setup configurations

705-1014-ND (AMB-25) **$299.95**
705-1015-ND (AMB-45) **$449.95**
705-1017-ND (AMC-2) **$649.95**
705-1016-ND (AMB-5KV-D) **$2249.95**

AT-1000 Advanced Tracer

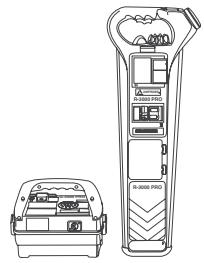


Features:
• Trace energized lines up to 300VAC or VDC • Trace unenergized and open conductors • Identifies breakers and fuses without powering down • Locates shorts • Identifies wires in a bundle • Identifies control, alarm and telephone system wiring • Traces coaxial cable shield • Receiver range 1 to 3 feet from a cable being traced

Includes:
• Receiver • Transmitter • Carrying case • 110V pigtail cordset • Alligator clip cordset (2 pcs.) • CT-326 type adaptor

705-1018-ND (AT-1000) **$339.95**

AT-3000 PRO Underground Hawk Buried Wire and Pipes Tracer



Features:
• Locates underground energized and de-energized wires, cables and pipes • Depth measurement up to 10 feet • Visual (LCD) and audible (with loudspeaker) indicators • Rugged durable construction • Backlight • Real Sound Technology - the sound is derived from the signal radiating from the cable or pipe • Ready for use with receiver, transmitter, connection cable, ground stake and ground cable • Allows user to pinpoint the path of the underground traced object • Weatherproof and drop resistant

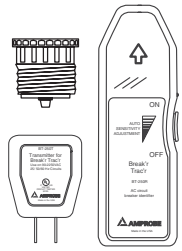
705-1019-ND (AT-3000 PRO) **$2595.00**

TIF300HV Tic Tracer - AC Voltage Detector

Features:
• Use to check fuses, break panels, power outlets, transmission lines, etc.
• Safety rating: UL, CE and MSHA Approved

705-1035-ND (TIF300HV) **$99.95**
705-1036-ND 48" Hot Stick (TIF410A) ... **$99.95**

BT-250 Break'r Trac'r™

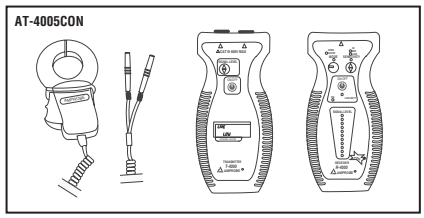


Features:
• Identifies circuit breaker location • Works on all electrical systems from 90 to 250 VAC • Automatic sensitivity adjustment • Quick and easy to use • Extremely accurate reading always finds the right breaker • Safety rating: UL approved

Includes:
• Transmitter • Carrying case • Test leads • Socket adapter

705-1022-ND (BT-250) **$99.95**

AT-4004/AT4005 Advanced Wire Tracers



Features:
• One universal transmitter; automatically switches to work with either energized or non-energized systems • Receiver not position sensitive • Traces live wires buried or hidden behind walls • Locates breakers, neutrals and ground lines • Pinpoints shorts, ground faults and broken wires • Clamp-on attachment injects signal for non-contact operation • Safety rating: CAT III 600V

Includes:
• Hard carrying case • Receiver • Transmitter • 110V pigtail - banana plug cord set • Alligator clip - banana plug cord set • Grounding test lead, 25 ft. with alligator clip • Clamp-on transmitter accessory • Rechargeable battery pack and battery pack recharger (AT4005CON Only)

705-1020-ND (AT-4004CON) **$749.95**
705-1021-ND (AT-4005CON) **$899.95**

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